

IN THE CLAIMS

- (1) Claim 1 (original) An apparatus comprising:
a substrate with holes embossed therein; and
carbon nanotubes deposited in the holes.
- (2) Claim 2 (original) The apparatus as recited in claim 1, further comprising:
a conductive layer within the substrate electrically connecting at least a portion of
the carbon nanotubes within a plurality of the holes.
- (3) Claim 3 (original) The apparatus as recited in claim 2, further comprising:
a gate electrode coextensive with the substrate.
- (4) Claim 4 (original) The apparatus as recited in claim 2, a material for affixing the
carbon nanotubes within the holes.
- (5) Claim 5 (original) The apparatus as recited in claim 3, further comprising:
an anode positioned a distance from the substrate, having a phosphor for emitting
photons in response to bombardment from electrons emitted by the carbon nanotubes.
- (6) Claim 6 (original) The apparatus as recited in claim 5, further comprising:
circuitry for causing the electrons to be emitted by the carbon nanotubes.
- (7) Claim 7 (original) A data processing system comprising:
a processor;
a memory device;
a storage device;
an input device;
a display device; and
a bus system for coupling the processor to the memory device, the storage device, the
input device, and the display device, wherein the display device further comprises:
a substrate with holes embossed therein; and
carbon nanotubes deposited in the holes.

(8) Claim 8 (original) The data processing system as recited in claim 7, further comprising:

a conductive layer within the substrate electrically connecting at least a portion of the carbon nanotubes within a plurality of the holes.

(9) Claim 9 (original) The data processing system as recited in claim 8, further comprising:

a gate electrode coextensive with the substrate.

(10) Claim 10 (original) The data processing system as recited in claim 8, further comprising:

a gate electrode coextensive with the substrate.

(11) Claim 11 (original) The data processing system as recited in claim 9, further comprising:

an anode positioned a distance from the substrate, having a phosphor for emitting photons in response to bombardment from electrons emitted by the carbon nanotubes.

(12) Claim 12 (original) The data processing system as recited in claim 11, further comprising:

circuitry for causing the electrons to be emitted by the carbon nanotubes.

(13) Claim 13 (cancelled)

(14) Claim 14 (cancelled)

(15) Claim 15 (cancelled)

(16) Claim 16 (cancelled)

(17) Claim 17 (cancelled)

(18) Claim 18 (cancelled)

Respectfully submitted,

WINSTEAD SECHREST & MINICK P.C.

Attorney for Applicants

By: 

Kelly K. Kordzik
Reg. No. 36,571

P.O. Box 50784
Dallas, Texas 75201
(512) 370-2851

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